Monitoring Data Record

Project Title: R-2210A Site 2 (Waynesville Site 2)	COE Action ID:200130653	
Stream Name: <u>UT Raccoon Creek</u>	DWQ Number: <u>010409</u>	
City, County and other Location Information: Sta. 17 on		
Date Construction Completed: N/A	Monitoring Year: (5) of	5
Ecoregion: 8 digit HUC	C unit 06010106	
USGS Quad Name and Coordinates:		
Rosgen Classification:		
Length of Project: 900' Urban or Rural: Rur		
Monitoring DATA collected by: M. Green and J. Young	Date: 8/13/08	
Applicant Information:		
Name: NCDOT Roadside Environmental Unit	<u></u>	
Address: 1425 Rock Quarry Rd. Raleigh, NC 276		
Telephone Number: (919) 861-3772 En Consultant Information:	mail address: mlgreen@dot.state.nc.us	
Name:		
Address: En	mail address:	
Project Status: Complete	man address.	
Troject Status. Complete		
each year for the 5 year monitoring period (summe survival, and visual inspection of channel stability. during the first 5 years, NCDOT shall continue mon documented. The bankfull events must occur during that the required bankfull events do not occur dur USACE, in consultation with resource agencies, may required.	If less than two bankfull events ocnitoring until the second bankfull events graph separate monitoring years. In the eventing the 5 year monitoring period,	cur it is ent the
Section 1. PHOTO REFERENCE SITES (Monitoring at all levels must complete this section) Attach site map showing the location and any designation (name, number, letter, etc.) assigned to each be provided for all structures and cross section locations upstream and downstream view. Photos taken to docum winter. Photos taken to document vegetation should locations). Attach photos and a description of each refer the use of a photo identification board in each photo to identification.	reference photo location. Photos sho is, should show both banks and include nent physical stability should be taken be taken in summer (at representate trence photo or location. We recomme	uld an in ive
Total number of reference photo locations at this site	e: 3 reference points, 2 photos at eac	:h
Dates reference photos have been taken at this site: 5	3/20/04, 11/1/04, 5/31/05, 3/20/06,	
10/18/06, 2/28/07, 9/12/07, 2/12/08, 8/13/08		
Individual from whom additional photos can be obtain	ined (name, address, phone):	
Other Information relative to site photo reference: A sit with this report.	te map with photo point locations is included	

If required to complete Level 3 monitoring only stop here; otherwise, complete section 2.

Section 2. PLANT SURVIVAL

Attach plan sheet indicating reference photos.

Identify specific problem areas (missing, stressed, damaged or dead plantings): <u>As noted during the last monitoring evaluation, some of the planted vegetation was cut down due to the power company maintaining vegetation underneath the power lines.</u>
Estimated causes, and proposed/required remedial action:
NCDOT does not propose to do anymore replanting at this stream relocation due to the fact that the power lines will
be maintained on a routine basis. Some of the black willows have re-sprouted.
ADDITIONAL COMMENTS: Stream is vegetated with alder, dogwood, maple, jewelweed, briars,
lespedeza, <i>Juncus</i> sp., goldenrod, tear thumb, woolgrass, <i>Sagittaria</i> sp., cattail, multi-flora-rose, elderberry,
sycamore, black willow, river birch, arrowwood, and thick herbaceous vegetation.
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If required to complete Level 1 and Level 2 monitoring <u>only</u> stop here; otherwise, complete section 3.

Section 3. CHANNEL STABILITY

Visual Inspection: The entire stream project as well as each in-stream structure and bank stabilization/revetment structure must be evaluated and problems addressed.

Report on the visual inspection of channel stability. <u>Physical measurements of channel stability/morphology will not be required.</u> Include a discussion of any deviations from as-built and an evaluation of the significance of these deviations and whether they are indicative of a stabilizing or destabilizing situation.

The stream is stabilized for the Year 5 Summer Evaluation. NCDOT will continue to monitor this stream.

Date	Station	Station	Station	Station	Station
Inspected	Number	Number	Number	Number	Number
Structure					
Type					
Is water					
piping					
through or					
around					
structure?					
Head cut or					
down cut					
present?					
Bank or scour					
erosion					
present?					
Other					
problems					
noted?					

NOTE: Attach separate narrative sheets to each monitoring report describing/discussing the overall monitoring results. Include the identification of specific problem areas/channel failures, estimated cause and proposed/required remedial action. This should include a brief discussion of any parameter that has changed significantly from as-built.

Waynesville Site 2



Photo 1 (Upstream)



Photo 2 (Downstream)



Photo 3 (Upstream)



Photo 4 (Downstream)







Photo 6 (Downstream)

